



In re Application of: Boyd.  
 Application No. 09/427,873  
 Filed: October 27, 1999  
 For: METHODS OF USING CYANOVIRINS TO INHIBIT VIRAL INFECTION

**ASSISTANT COMMISSIONER FOR PATENTS**  
**Washington, D.C. 20231**

Sir:

Transmitted herewith is an Amendment and Response to Office Action in the subject application.

☐ Applicants claim small entity status of this application under 37 CFR 1.27.

☒ **Petition For Extension Of Time**

☐ Applicants petition for a extension of time under 37 CFR 1.136, the fee for which is \$0.00 (enclosed).

☒ Applicants believe that no petition for an extension of time is necessary. However, to the extent that such petition is deemed necessary, Applicants hereby petition for a sufficient extension of time to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.

☒ No additional claim fee is required.

☒ Other: Amendments to Claims Made in Response to Office Action Dated July 30, 2002 and Pending Claims After Amendments Made in Response to Office Action Dated July 30, 2002.

The claim fee has been calculated as shown below:

					SMALL ENTITY		OTHER THAN A SMALL ENTITY	
CLAIMS REMAINING AFTER AMENDMENT			HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADDIT CLAIM FEE	RATE	ADDIT CLAIM FEE
TOTAL	12	MINUS	20	= 0	x 9=	\$	x 18=	\$0
INDEPENDENT	1	MINUS	3	= 0	x 40=	\$	x 80=	\$0
<input type="checkbox"/>	FIRST PRESENTATION OF MULTIPLE CLAIM				+ 135=	\$	+ 270=	\$0
					TOTAL	\$	TOTAL	\$0

☐ Please charge my Deposit Account No. 12-1216 in the amount of \$0.00. A duplicate copy of this sheet is attached.

☐ A check in the amount of \$ is attached.

☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216. A duplicate copy of this sheet is attached.

☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

☒ Any patent application processing fees under 37 CFR 1.17.

**RECEIVED**

Respectfully submitted,

NOV 08 2002

LEYDIG, VOIT & MAYER, LTD.

TECH CENTER 1600/2900

By

*Carol Larcher*  
 Carol Larcher, Reg. No. 35,243  
 One of the Attorneys for Applicant(s)

Leydig, Voit & Mayer, Ltd.  
 Two Prudential Plaza, Suite 4900  
 180 North Stetson  
 Chicago, Illinois 60601-6780  
 (312) 616-5600 (telephone)  
 (312) 616-5700 (facsimile)



**PATENT**  
Attorney Docket No. 175912  
DHHS Ref. E-074-99/3

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Boyd

Application No. 09/427,873

Filed: October 27, 1999

For: **METHOD OF USING CYANOVIRINS  
TO INHIBIT VIRAL INFECTION**

Art Unit: 1648

Examiner: J. Parkin

#17  
Amended  
11/15/02  
ce

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated July 30, 2002, please enter the following amendments and consider the following remarks.

**AMENDMENTS**

**IN THE CLAIMS:**

Please replace claims 20 and 22 with the following:

C1  
20. (Twice Amended) A method of inhibiting binding of an enveloped virus to a cell in a host, which method comprises administering to the host an antiviral effective amount of an isolated and purified antiviral agent selected from the group consisting of an antiviral protein, an antiviral peptide, an antiviral protein conjugate, and an antiviral peptide conjugate, wherein said antiviral protein or antiviral peptide has an amino acid sequence of SEQ ID NO: 2 or an antiviral fragment thereof comprising at least nine contiguous amino acids of SEQ ID NO: 2, whereupon administration of said antiviral effective amount of said antiviral agent, binding of the enveloped virus to the cell is inhibited.

**RECEIVED**

NOV 08 2002

TECH CENTER 1600/2900